PLATE 10 OF 12 DEPARTMENT OF THE INTERIOR 7.5 MINUTE SERIES (TOPOGRAPHIC) NE/4 MONUMENT BUTTE 15' QUADRANGLE GEOLOGICAL SURVEY 107°30′ 40°30′ 107°37′30″ 40°30′ 32'30" R. 90 W. R. 91 W. EXPLANATION 22 7.4 UG[25] Areal distribution and identified resources map of MG[26] through \_\_\_\_\_\_10.7(UG)[19] \_\_\_\_\_\_\_8.8(UG)[18] DRILL HOLE - Showing thickness of coal, in [31] and UG[32]. Index number feet. Index number refers to hole on plate 32 from Round Bottom quadrangle. 1 of CRO map or in table of text. Letters designate name of coal bed as listed below. Bracketed number identifies coal bed C 14.0(UG[32]) C 23.0(MG[31]) 12 11 10 named on plates 1 or 3. C 6.0(MG[30]) C 6.0(MG[29]) C 6.0(MG[28]) C 12.0(MG[27]) 7.4(UG)[25] POINT OF MEASUREMENT - Showing thickness of coal, in feet. Includes all points of measurement other than drill holes. Index number refers to measurement on plate 1 of CRO map or in table of text. Letters C 7.0(MG[26]) - (24) 11.6(UG)[28] 6.8+(UG)[26] designate name of coal bed as listed below. Bracketed number identifies coal bed named on plates 1 or 3. UG - Upper Coal Group UGN - Upper Coal Group, zone N MG - Middle Coal Group MGG - Middle Coal Group, zone G 17 14 16 MGF - Middle Coal Group, zone F 13 15 LG - Lower Coal Group 16 COAL BED SYMBOLS AND NAMES - Coal beds 17 identified by bracketed numbers are not 0.04 formally named, but are numbered for identification purposes in this quadrangle (15) 8.1(UG)[31] \ Areal distribution and identified resources map of UG[29]. Index number 27. TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Arrow points toward coal-bearing area. Dashed where inferred; short dashed where inferred by present authors. T. 6 N., R. 91 W. 20 23 24 21 21 22 20 TRACE OF FAULT - Bar and ball on downthrown side when direction of movement is 27'30" 27'30" STRIPPING-LIMIT LINE - Boundary for surface mining (in this quadrangle, the 200-footoverburden isopach). Arrow points toward the area suitable for surface mining. BOUNDARY OF IDENTIFIED RESERVE BASE COAL -Drawn along the coal bed outcrop where the coal is 5 feet or more thick, the 5-foot 25 30 29 27 coal is 5 feet or more thick, the 5-100t coal isopach, an arc (A) drawn 0.25 miles from the nearest point of Reserve Base coal bed measurement, the KRCRA boundary (K), the quadrangle boundary (Q), and the 28 29 28 non-Federal coal ownership boundary (N). Arrow points toward area of identified Reserve Base coal. (Measured) Areal distribution and identified (Indicated) resources map of UG[21] and [23]. Index number 22. IDENTIFIED COAL RESOURCES - Showing totals for Reserve Base (RB), in millions of short tons, for each section or part(s) of section of non-leased Federal coal land, either within or beyond the stripping-36 limit. Dash indicates no resources in that 35 33 Areal distribution and identified 33 resources map of UG[30]. Index number 31 from Breeze Mountain quadrangle. category. 32 To convert short tons to metric tons, multiply short tons by 0.9072. C 8.0(MG[127]) C 10.0(MG[126]) C 11.0(MG[125]) C 6.0(MG[124]) C 23.5(MG[123]) 11.8(UG)[21] \0.03 5.5(UG)[30] To convert feet to meters, multiply feet by 0.3048. T. 6 N., R. 91 W. 0.12 Areal distribution and identified resources map of MG[14]. Index Areal distribution and identified resources map of MG[6]. Index number 12. T. 5 N. Areal distribution and SCALE - 1:24,000 (1 inch = 2,000 feet) identified resources map of MG[17]. Index num-ber 150. number 1. 0.02 0.21 T. 5 N., R. 91 W.<sub>9</sub>10 T.5 N.,R.90 W. T. 5 N., R. 90 W. Areal distribution and identified resources map of MG[5]. Index Areal distribution and identified resources map of MG[123] through [127]. Index number 1 from Round Bottom quadrangle. 0.21 0.13 0.12 T. 5 N., R. 91 W. RB — — 0.05 0.02 14 15 13 16 18 17 Areal distribution and identified resources map of LG[2]. Index number 47 from Hamilton quadrangle. 0.14 20 20 22 21 40°22′30″ 107°37′30″ 107°30′ 32'30" R 90 W Compiled in 1977/1978 SCALE 1:24000 Base from U.S. Geological Survey, 1966 2 0 <del>ыныны</del> This report has not been edited COLORADO for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature. UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET QUADRANGLE LOCATION

UNITED STATES

COAL RESOURCE OCCURRENCE MAP OF THE CASTOR GULCH
QUADRANGLE, MOFFAT COUNTY, COLORADO

BY
DAMES & MOORE

1979

PLATE 10

OPEN FILE REPORT 79-820

CASTOR GULCH QUADRANGLE

COLORADO - MOFFAT CO.

AREAL DISTRIBUTION AND IDENTIFIED RESOURCES MAP OF NON-ISOPACHED COAL BEDS